

Segment ID: 0611A **Water body name:** East Fork Angelina River (unclassified water body)

Freshwater Stream

Neches River Basin

Total size:

30.4 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	Confluence with Grassy Lake area	9.2	21	0	
2002	Dissolved Oxygen grab average	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	1	0	
2002	Dissolved Oxygen grab average	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	8	0	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	Wotten Creek to headwaters	7	6	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Confluence with Grassy Lake area	9.2	21	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	1	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	8	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Wotten Creek to headwaters	7	6	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Wotten Creek to headwaters	7	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Wotten Creek to headwaters	7	0		
2004	Acute Metals in water Lead	Not Assessed	Confluence with Grassy Lake area	9.2	1	0	
2004	Acute Metals in water Lead	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2004	Acute Metals in water Lead	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6	0	
2004	Acute Metals in water Lead	Not Assessed	Wotten Creek to headwaters	7	0		
2004	Chronic Metals in water Lead	Not Assessed	Confluence with Grassy Lake area	9.2	1		0.272

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Aquatic Life Use (continued)

2004	Chronic Metals in water Lead	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2004	Chronic Metals in water Lead	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6		0.27
2004	Chronic Metals in water Lead	Not Assessed	Wotten Creek to headwaters	7	0		
2004	Overall Aquatic Life Use	Fully Supporting	Confluence with Grassy Lake area	9.2			
2004	Overall Aquatic Life Use	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2004	Overall Aquatic Life Use	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2004	Overall Aquatic Life Use	Not Assessed	Wotten Creek to headwaters	7			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	E. coli single sample	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2002	E. coli single sample	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	1	0	
2002	E. coli single sample	Not Assessed	Wotten Creek to headwaters	7	0		
2002	E. coli geometric mean	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	E. coli geometric mean	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2002	E. coli geometric mean	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	1		5
2002	E. coli geometric mean	Not Assessed	Wotten Creek to headwaters	7	0		
2002	Fecal coliform single sample	Fully Supporting	Confluence with Grassy Lake area	9.2	20	4	
2002	Fecal coliform single sample	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	1	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6	0	
2002	Fecal coliform single sample	Not Assess-Not Represent	Wotten Creek to headwaters	7	6	0	
2002	Fecal coliform geometric mean	Not Supporting	Confluence with Grassy Lake area	9.2	20		212

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Contact Recreation Use (continued)

2002	Fecal coliform geometric mean	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	1		4
2002	Fecal coliform geometric mean	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6		110
2002	Fecal coliform geometric mean	Not Assess-Not Represent	Wotten Creek to headwaters	7	6		210
2002	Overall Recreation Use	Not Supporting	Confluence with Grassy Lake area	9.2			
2002	Overall Recreation Use	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Recreation Use	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2002	Overall Recreation Use	Not Assessed	Wotten Creek to headwaters	7			

Fish Consumption Use

2004	Human Health Criteria Lead	Not Assessed	Confluence with Grassy Lake area	9.2	1		0.272
2004	Human Health Criteria Lead	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2004	Human Health Criteria Lead	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6		0.272
2004	Human Health Criteria Lead	Not Assessed	Wotten Creek to headwaters	7	0		
2004	Overall Fish Consumption Use	Not Assessed	Confluence with Grassy Lake area	9.2			
2004	Overall Fish Consumption Use	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2004	Overall Fish Consumption Use	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2004	Overall Fish Consumption Use	Not Assessed	Wotten Creek to headwaters	7			

Overall Use Support

2004		Not Supporting	Confluence with Grassy Lake area	9.2			
2004		Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2004		Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2004		Not Assessed	Wotten Creek to headwaters	7			

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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Confluence with Grassy Lake area	9.2	15	1	
2002	Ammonia Nitrogen	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	2	0	
2002	Ammonia Nitrogen	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	8	0	
2002	Ammonia Nitrogen	Not Assess-Not Represent	Wotten Creek to headwaters	7	5	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Confluence with Grassy Lake area	9.2	14	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	2	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	8	0	
2002	Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Wotten Creek to headwaters	7	6	0	
2002	Orthophosphorus	Not Assessed	Confluence with Grassy Lake area	9.2	4	0	
2002	Orthophosphorus	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	2	0	
2002	Orthophosphorus	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	2	0	
2002	Orthophosphorus	Not Assessed	Wotten Creek to headwaters	7	0		
2002	Total Phosphorus	Not Assessed	Confluence with Grassy Lake area	9.2	7	2	
2002	Total Phosphorus	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	2	0	
2002	Total Phosphorus	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	5	1	
2002	Total Phosphorus	Not Assess-Not Represent	Wotten Creek to headwaters	7	3	1	
2002	Overall Nutrient Enrichment Concerns	No Concern	Confluence with Grassy Lake area	9.2			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	Wotten Creek to headwaters	7			
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Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	Chlorophyll a	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	2	0	
2002	Chlorophyll a	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	2	0	
2002	Chlorophyll a	Not Assessed	Wotten Creek to headwaters	7	0		

Sediment Contaminants Concern

2002	85% Metals in sediment Manganese	Not Assessed	Confluence with Grassy Lake area	9.2	2	1	
2002	85% Metals in sediment Zinc	Not Assessed	Confluence with Grassy Lake area	9.2	2	1	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Confluence with Grassy Lake area	9.2			
2002	Overall Sediment Contaminant Concerns	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Wotten Creek to headwaters	7			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Confluence with Grassy Lake area	9.2			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			

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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Wotten Creek to headwaters	7			
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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Confluence with Grassy Lake area	9.2			
2002	Overall Narrative Criteria Concerns	No Concern	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Narrative Criteria Concerns	No Concern	Grassy Lake area to county road near Happy Valley	8.1			
2002	Overall Narrative Criteria Concerns	No Concern	Wotten Creek to headwaters	7			

Overall Secondary Concern

2002		No Concern	Confluence with Grassy Lake area	9.2			
2002		No Concern	County road near Happy Valley to Wotten Creek	6.1			
2002		No Concern	Grassy Lake area to county road near Happy Valley	8.1			
2002		No Concern	Wotten Creek to headwaters	7			